

$$S0=D0^{DC}$$

$$S1=D1^{S0^{TC^{DC}}}$$

$$S2=D2^{S1^{TC^{DC}}}$$

$$S3=D3^{S2^{TC^{DC}}}$$

$$S4=D4^{S3^{TC^{DC}}}$$

$$S5=D5^{S4^{TC^{DC}}}$$

$$S6=D6^{S5^{TC^{DC}}}$$

$$S7=D7^{S6^{TC^{DC}}}$$

$$S8=TC^1$$

$$S9=DC$$

Figure 1

$$S0=D0^{INV}$$

$$S1=D1^{S0^{INV}}$$

$$S2=D2^{S1^{INV}}$$

$$S3=D3^{S2^{INV}}$$

$$S4=D4^{S3^{INV}}$$

$$S5=D5^{S4^{INV}}$$

$$S6=D6^{S5^{INV}}$$

$$S7=D7^{S6^{INV}}$$

$$S8=1$$

$$S9=INV$$

Figure 2

$$S0=D0^{DC}$$

$$S1=D1^{S0^{AUX^{DC}}}$$

$$S2=D2^{S1^{AUX^{DC}}}$$

$$S3=D3^{S2^{AUX^{DC}}}$$

$$S4=D4^{S3^{AUX^{DC}}}$$

$$S5=D5^{S4^{AUX^{DC}}}$$

$$S6=D6^{S5^{AUX^{DC}}}$$

$$S7=D7^{S6^{AUX^{DC}}}$$

$$S8=AUX^1$$

$$S9=DC$$

Figure 3

$$S0=D0^{INV}$$

$$S1=D1^{S0^{INV}}$$

$$S2=D2^{S1^{INV}}$$

$$S3=D3^{S2^{INV}}$$

$$S4=D4^{S3^{INV}}$$

$$S5=D5^{S4^{INV}}$$

$$S6=D6^{S5^{INV}}$$

$$S7=D7^{S6^{INV}}$$

$$S8=AUX$$

$$S9=INV$$

Figure 4